

ABSTRACT

A method for controlling an engine coupled to a
5 transmission is described. The method is especially
suited for a transmission having at least one gear in
which an over-running clutch is present. The invention
describes a method for adjusting an engine operating
parameter to maintain transmission input speed at or
10 below a synchronous transmission input speed when the
transmission is in the gear with the over-running clutch.
The synchronous transmission input speed is based on
transmission state and transmission output speed.
Alternatively, vehicle speed can be used in place of
15 transmission output speed.